The Rural District Council of Llantrisant & Llantwit Fardre.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year ending

31st DECEMBER 1970

Council Offices
"Danygraig"
LLANTRISANT
Glam.
CF7 8YD

The Rural District Council of Llantrisant & Llantwit Fardre.

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ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

YEAR ENDING 31ST. DECEMBER, 1970.

Chairman of the Council: Councillor R. Cox.
Vice Chairman: Councillor S.G. Flower.

MEMBERS OF THE COUNCIL

Town Ward:	Councillors K.W.Roderick, D.J.Harrison, T. John, W.R. Jacob, R.J.Selwood & K. Eason.
Tonyrefail Ward:	Councillors J.A.Copeland, R.Cox, T.W. Roderick, J.P., S.Flowers, K.Pontin and L.L. Carter, J.P.
Gilfach Goch Ward:	Councillors D.W. Harrison, Mrs.A.G.Herbert and Dr. W. Moody-Jones.
Llantwit Fardre Parish	Councillors H.S.Davies, R.W.Thomas and I. Hughes.

S T A F F

Medical Officer of Health:

EILEEN G. WATKINS: M.B., B.Ch., B.A.O., D.P.H., L.M. (ROT).

Public Health Inspectors:

J.GRAHAM C.SHORT: (Senior)	C.S.I.B., M.A.P.H.I., Sanitary Inspectors' Certificate of the R.S.I. and S.I.E.Joint Board Meat and Other Food Inspectors Certificate of the R.S.I., Diploma in Hygiene of the Royal Institute of Public Health and Hygiene (Sir Malcolm Morris prizewinner); Inter B.Sc., (Wales); Final Zoology (Wales).
F.J.A. WILLIS:	M.A.P.H.I., Cert.P.H.I.E.B., R.S.H. Diploma in Meat & Food Inspection., R.S.H.Diploma for Smoke Inspectors., City and Guilds Full Technological Certificate in Plumbing.
LEONARD GRIFFITHS:	M.A.P.H.I., M.R.S.H. Diploma of the Public Health Inspectors' Education Board. Smoke Inspectors Diploma of the Royal Society of Health.

C. R. PERFITT: F.R.S.H., F.A.P.H.I., F.R.O.A., F.R.V.A.

RONALD KEAR: M.A.P.H.I:

CLERICAL: Mrs. Barbara Meredith - Mrs.Natalie Holtam.

RODENT OPERATOR: Mr. Donald Richards.

P R E F A C E

Mr. Chairman, Madam and Gentlemen,

I have the honour to present the Annual Report on the public health of the district for the year 1970.

During 1970 further progress was made with our Slum Clearance programme and a start was made with General Improvement Areas. The latter is a time consuming exercise and involves considerable preliminary investigations and surveys. However, I am sure the results will be worth while as many of our older properties are capable of improvement and still have a useful life. It is pleasing to note that the majority of residents have no desire to move from their present locality.

The population of the district has further increased especially in the southern half of the area. It is mentioned in the body of the report that private house building during the year numbered 328. Industrial growth continues with expansions to some of our existing factories and interest shown in further industry to come.

All this adds up to prosperity on the one hand and the need for basic services on the other. I am sad that despite considerable expense of time and money on the part of the District Council the Council are still without the proposed new comprehensive sewage works which is essential for the public health of the district. The present sewage works at Miskin is overloaded and any steps that can be taken to expedite the new scheme will be in the interests of the people of the district.

The Meals on Wheels scheme continues to flourish and I am grateful to the Members of the W.R.V.S. for their stalwart support throughout the year.

The Ty Dawel scheme of flats for the elderly has now been in operation for one year and has proved very successful. Plans are in hand for further schemes of purpose built accommodation with warden service for the elderly to be erected at Talbot Green and Beddau.

Preliminary investigations about the erection of Day Centres for the Aged are now in hand. In December of this year the Council appointed a deputation to visit St. Mary's Centre for the Aged at Aberdare and St. Nazareth House, Rhondda. The erection of Day Centres will take time to reach fruition, but a start has been made.

I should like to thank the Chairman of the Public Health and Housing Committee and Members of the Council for their encouragement and support, the Council's Officials for their friendly co-operation and the Staff of the Health Department for their help and loyalty during the year.

I am,

Mr. Chairman, Madam and Gentlemen,

Your obedient servant,

E. G. WATKINS,

Medical Officer of Health.

Public Health Department,
"Danygraig",
LLANTRISANT, Glam.

GENERAL STATISTICS

Area of District		18,433 acres.
Population:	Est. Mid year 1970	34,270
	Census 1961	27,109
Number of Private dwellings:		
	Est. 1970.	10,829
	Census 1961	7,631
Number of Private Households:		
	Est. 1967 (1965 10% Census)	9.016
	Census 1961	7,811
Rateable Value of District:		
	March 1970.	£1,219,156
Sum Produced by Penny Rate:		
	March 1970:	£5,001

VITAL STATISTICS

LIVE BIRTHS:

	Males	Females	Total
Legitimate	395	327	722
Illegitimate	8	17	25
	403	344	747

Live Birth Rate per 1,000 population:

	Crude	Adjusted	England and Wales
Comparability Factor - 1.03	21.8	22.5	16.0

Illegitimate Live Births:

	Males	Females	Total
	8	17	25

Percentage of total live births: 3.0

STILLBIRTHS:

	Males	Females	Total
Legitimate	7	8	15
Illegitimate	-	-	-
	7	8	15

Stillbirth rate per 1,000 total live and stillbirths: 20.0

England and Wales: 13.0

TOTAL LIVE AND STILLBIRTHS: 762

INFANT DEATHS

Deaths under 1 year:

	Males	Females	Total
Legitimate	9	5	14
Illegitimate	-	1	1
	9	6	15

Infant Mortality:

Rate per 1,000 total live births:	20.0
Total Infant Deaths per 1,000 total live births, England and Wales:	18.0

Neo-Natal Mortality Rate:

	Males	Females	Total
Legitimate	4	3	7
Illegitimate	-	1	1
	4	4	8

Deaths under 4 weeks per 1,000 total live births:	11.0
England and Wales:	12.0

Early Neo-Natal Mortality Rate:

	Males	Females	Total
Legitimate	4	2	6
Illegitimate	-	1	1
	4	3	7

Perinatal Mortality Rate:

Stillbirths and deaths under 1 week combined

Rate per 1,000 total live and stillbirths:	29.0
England and Wales:	23.0

MATERNAL MORTALITY (including Abortion)

There was one death under the heading pregnancy, childbirth or abortion.

2. HOME BIRTHS, PREMATURE INFANTS, ETC:

The following information has kindly been furnished by the Divisional Medical Officer of Health:-

There were 59 premature births notified during the year (i.e. birth weight of 5½ lbs or under) of which there were 15 stillbirths. This compares with 65 births and 14 stillbirths for 1969.

No. of live births at home:	126
No. of stillbirths at home:	Nil
No. of live births born in hospitals outside the area:	632
No. of stillbirths born in hospitals outside the area:	15
Therefore No. born in hospitals within the area:	593
No. of stillbirths in hospital within the area.	5

3. DEATHS

	Males:	Females:	Total:
Total deaths:	157	149	306

The crude death rate is 8.9 (comparability factor 1.34)

Tuberculosis Death Rate:

There were three deaths from this disease and no deaths recorded in 1969.

Other Respiratory Diseases Death Rate:

The number of deaths from Bronchitis, Pneumonia and other Respiratory diseases was 38 for 1970 against 49 for the previous year making a rate in relation to total deaths of 124.18 per 1,000 deaths against 125.00 for the previous year.

Cancer.

Deaths from Cancer were 56 as compared with 77 for the previous year. The organs affected according to classification by the Registrar General were:-

	Male	Female	Total
Stomach	4	2	6
Lungs, Bronchus	14	2	16
Breast	-	6	6
Uterus	-	4	4
All other sites	6	8	14
Oesophagus	2	-	2
Intestine	4	3	7
Prostate	1	-	1
	31	25	56

Rate in relation to total deaths is 183.01 per 1,000 deaths in 1970 against 196.43 for the previous year.

Leukaemia, Aleukaemia:

There was 1 death under this classification for 1970, and 2 deaths recorded in 1969.

Infant Mortality Classification:

	Total under 1 week	Weeks I-2-3-4	Total 1 - 4 weeks	Months 1-3-6-9 - 12	Total 1 - 12 months	Total all deaths under 1 yr.
Birth Injury	-	4	4	-	-	4
Pneumonia	-	1	1	-	-	1
Respiratory Infection	-	2	2	-	-	2
Gastro Enteritis	-	-	-	-	-	-
Congenital Abnormalities	-	1	1	-	-	1
Other Causes	-	3	3	-	-	3
Meningitis	-	1	1	-	-	1
All other Accidents	-	2	2	-	-	2
Infective & Parasitic Disease	-	1	1	-	-	1

GLAMORGAN ADMINISTRATIVE COUNTY

VITAL STATISTICS 1970

		Infant Mortality		Perinatal Mortality		Stillbirths	
		Deaths under one year	Rate per 1,000 live births	Still births and deaths under one week	Rate per 1,000 live and still births	No. of Still births	Rate per 1,000 total births
ngland and Wales		14,269	18	18,669	23	10,341	13
dministrative County		255	21	330	27	180	15
ban Districts		188	23	236	29	121	15
ral Districts		67	17	94	23	59	15
ealth Division	Constituent Districts						
erdare and	Aberdare Urban	15	23	19	29	9	14
ountain Ash	Mountain Ash Urban	17	37	15	32	4	9
aerphilly and	Caerphilly Urban	21	26	21	26	10	12
elligaer	Gelligaer Urban	16	29	15	27	7	12
id Glamorgan	Bridgend Urban	5	25	6	30	2	10
	Maesteg Urban	13	32	22	53	12	29
	Ogmore & Garw Urban	13	33	13	33	6	15
	Porthcawl Urban	5	27	3	16	1	5
	Penybont Rural	18	18	16	16	11	11
eath and District	Neath M.B.	6	16	10	26	6	16
	Neath Rural	13	23	15	26	6	10
ontypridd and	Llantrisant Rural	15	20	22	29	15	20
lantrisant	Pontypridd Urban	11	21	20	37	9	17
ort Talbot and	Glyncorrwg Urban	3	21	4	27	3	20
lyncorrwg	Port Talbot M.B.	18	26	22	31	10	14
outh East	Barry M.B.	12	18	14	21	7	11
lamorgan	Cardiff Rural	6	11	8	14	5	9
	Cowbridge M.B.	3	75	1	25	-	-
	Cowbridge Rural	8	18	16	35	10	22
	Penarth Urban	2	6	5	15	4	12
est Glamorgan	Gower Rural	2	9	2	9	2	9
	Llwchwr Urban	8	19	7	17	4	9
	Pontardawe Rural	5	13	15	38	10	25
hondda M.B.		20	16	39	30	27	21

en/JED/JCM.

1st May 1971.

GLAMORGAN ADMINISTRATIVE COUNTY

VITAL STATISTICS 1970.

		Estimated Population 1970	Live Births: No. of Live Births	Live Births: Rate per 1,000 population: Crude	Live Births: Rate per 1,000 population: Adjusted	Ratio of local adjusted rate to national rate	Deaths: No. of Deaths	Deaths: Rate per 1,000 population: Crude	Deaths: Rate per 1,000 population: Adjusted	Ratio of local adjusted death rate to national rate.
England and Wales		48,987,700	784,482	16.0	16.0	1.00	575,208	11.7	11.7	1.00
Administrative County		748,190	12,083	16.1	16.6	1.04	9,319	12.5	14.1	1.21
Urban Districts		523,700	8,138	15.5	16.0	1.00	6,719	12.8	14.5	1.24
Rural Districts		224,490	3,945	17.6	18.0	1.12	2,600	11.6	13.0	1.11
Health Division	Constituent Districts									
Aberdare and Mountain Ash	Aberdare Urban	38,250	652	17.0	18.5	1.16	575	15.0	15.2	1.29
	Mt.Ash Urban	28,420	458	16.1	16.1	1.01	357	12.6	15.0	1.28
Caerphilly and Gelligaer	Caerphilly Urban	40,550	804	19.8	19.4	1.21	404	10.0	12.5	1.07
	Gelligaer Urban	34,420	556	16.2	16.2	1.01	419	12.2	15.4	1.31
Mid-Glamorgan	Bridgend Urban	15,170	197	13.0	13.4	0.84	204	13.4	14.6	1.25
	Maesteg Urban	21,220	401	18.9	19.7	1.23	271	12.8	15.9	1.36
	Ogmore & Garw Urban	20,120	390	19.4	20.0	1.25	305	15.2	18.4	1.57
	Porthcawl Urban	13,640	188	13.8	16.3	1.02	216	15.8	12.6	1.08
	Penybont Rural	50,530	1,004	19.9	19.1	1.19	656	13.0	11.8	1.01
Neath & District	Neath M.B.	29,470	380	12.9	13.4	0.84	396	13.4	14.5	1.24
	Neath Rural	40,390	568	14.1	14.7	0.92	534	13.2	15.4	1.32
Pontypridd and Llantrisant	Llantrisant Rural	34,270	747	21.8	22.5	1.40	306	8.9	11.9	1.02
	Pontypridd Urban	35,040	531	15.2	15.5	0.97	451	12.9	13.3	1.14
Port Talbot and Glyncorrwg	Glyncorrwg Urban	9,330	146	15.6	15.1	0.95	115	12.3	18.1	1.55
	Port Talbot M.B.	51,000	699	13.7	13.6	0.85	570	11.2	15.0	1.28
South East Glamorgan	Barry M.B.	42,370	652	15.4	15.9	0.99	503	11.9	12.9	1.10
	Cardiff Rural	29,810	570	19.1	17.6	1.10	304	10.2	10.8	0.92
	Cowbridge M.B.	1,500	40	26.7	26.4	1.65	22	14.7	16.9	1.44
	Cowbridge Rural	23,720	441	18.6	21.2	1.33	177	7.5	13.1	1.12
	Penarth Urban	23,200	339	14.6	15.8	0.99	271	11.7	11.0	0.94
West Glamorgan	Gower Rural	16,350	232	14.2	14.9	0.93	187	11.4	12.4	1.06
	Llwchwr Urban	26,000	419	16.1	17.2	1.08	329	12.7	13.8	1.18
	Pontardawe Rural	29,420	383	13.0	14.7	0.92	436	14.8	15.1	1.29
Rhondda M.B.		94,000	1,286	13.7	14.1	0.88	1,311	13.9	15.4	1.32

Gen/JED/SMS 21st May, 1971.

Causes of Death According to Registrar General's Report

	Male	Female
All Causes:	157	149
Tuberculosis of Respiratory System	3	-
Syphilis and Sequelae	1	-
Other infective and Parasitic Diseases	1	-
Malignant neoplasm, Oesophagus	2	-
Malignant neoplasm, Stomach	4	2
Malignant neoplasm, Intestine	4	3
Malignant neoplasm, Lung, Bronchus	14	2
Malignant neoplasm, Breast	-	6
Malignant neoplasm, Uterus	-	4
Malignant neoplasm, Prostate	1	-
Leukaemia	1	-
Other malignant neoplasms	6	8
Diabetes mellitus	2	2
Other endocrine etc., diseases	1	2
Anaemias	-	2
Meningitis	1	-
Other diseases of nervous system, etc	-	2
Chronic rheumatic heart disease	3	4
Hypertensive disease	2	3
Ischaemic heart disease	40	34
Other forms of heart disease	4	2
Cerebrovascular disease	19	32
Other diseases of circulatory system	3	6
Influenza	2	3
Pneumonia	5	8
Bronchitis and Emphysema	14	3
Other diseases of respiratory system	3	2
Peptic Ulcer	4	1
Appendicitis	-	1
Intestinal obstruction and hernia	-	1
Cirrhosis of Liver	1	-
Other diseases of digestive system	-	1
Nephritis and Nephrosis	1	-
Hyperplasia of Prostate	2	-
Other diseases, genito-urinary system	-	2
Other complications of Pregnancy, etc	-	1
Diseases of Musculo-Skeletal System	-	1
Congenital anomalies	1	1
Birth injury, difficult labour, etc.	2	2
Other causes of perinatal mortality	2	1
Motor vehicle accidents	3	2
All other accidents	5	5

4. INFECTIOUS DISEASES:

New Notifications of Tuberculosis in Each Ward.

	Pulmonary		Non-Pulmonary		Total	
	M.	F.	M.	F.	M.	F.
Tonyrefail Ward	1	-	-	-	1	-
Gilfach Goch Ward	1	-	-		1	-
Town Ward	-	-	-	-	-	-
Llantwit Fardre Parish	1	-	-	1	-	2
	2	-	1	1	2	2

New Cases of Tuberculosis in Age Groups.

Age	Respiratory		Non-Respiratory	
	M.	F.	M.	F.
Under 1 year	-	-	-	-
1 - 4 years	-	-	-	-
5 - 14 years	-	-	-	-
15 - 24 years	2	-	-	-
25 - 44 years	1	-	-	1
45 - 64 years	-	-	-	-
65 years and over	-	-	-	-
	3	-	-	1

The number on the register at the end of the year was:-

	Male	Female	Total
Pulmonary	98	83	181
Non-Pulmonary	27	15	42
	125	98	223

There were three deaths from Tuberculosis in 1970 and four admissions to hospital for treatment during the year.

The number of new cases of Tuberculosis notified during the year was four against three for 1969.

Infectious Diseases (other than Tuberculosis) in age groups:

	Scarlet Fever	Measles	Dysentery
Under 1 year	-	37	-
1 year	-	49	-
2 years	-	68	-
3 years	-	71	1
4 years	-	58	-
5 - 9 years	1	193	-
10 - 14 years	-	13	-
15 - 24 years	-	12	-
25 years and over	-	3	1
Age unknown	-	17	-
	1	521	2

	Food Poisoning	Infective Jaundice
Under 5 years	-	-
5 - 14 years	-	-
15 - 44 years	-	6
45 - 64 years	1	1
65 and over	-	-
Age unknown	1	-
	2	7

Prevalence and control of Infectious and other Diseases.

The duties are carried out under this Authority, but the County Medical Officer of Health, through his Divisional Medical Officer for the area must be informed within 48 hours of all notifiable diseases occurring in this district for which a fee is paid by the County Council.

The number of cases notified during the year was 537 compared with 234 for 1969.

Number of cases of Infectious Diseases admitted to hospital, with numbers of corrected notifications:

	No. of Corrected Notifications	No.Admitted to hospital	Total Deaths
Scarlet Fever	1	-	-
Measles	521	4	-
Food Poisoning	2	1	-
Dysentery	2	1	-
Tuberculosis (Other)	1	1	-
Tuberculosis (Respiratory)	3	3	-
Infective Jaundice	7	-	-
	537	10	-

5. HOSPITALS:

The hospitals which serve the area are:-

(a) General:
- (i) East Glamorgan Hospital, Church Village.
- (ii) Llwynypia Hospital.
- (iii) Cardiff Royal Infirmary
- (iv) St. David's Hospital, Cardiff.
- (v) Bridgend General Hospital.
- (vi) Llandough Hospital.
- (vii) Whitchurch Hospital. (Also partly special)
- (viii) Dewi Sant Hospital, Pontypridd.
- (ix) Subsidiary Hospitals such as Pontypridd Cottage, Rookwood, Treherbert and Pentwyn.
- (x) Rhiwfelin Hospital which is now used as an Annexe for the Dewi Sant Hospital, Pontypridd, for the aged, chronic sick and epileptic patients.
- (xi) Tonteg and Glancly Hospitals - Pre-convalescent and geriatric patients.

(b) Infectious Diseases: Generally patients are sent to Tyntyla Hospital, Ystrad or to Lansdowne Hospital, Cardiff.

(c) Mental: Usually Morgannwg, Penyfai, Glanrhyd and Parc, Whutchurch and Hensol.

(d) Tuberculosis: Any tuberculosis hospital in Wales, usually Tyntyla or Sully.

(e) Orthopaedic: Rhydlafar.

(f) Maternity: Llwynypia and East Glamorgan Units.

(g) Geriatric: Glyncornel and Dewi Sant.

(h) Psycho/Geriatric: Tyntyla Hospital, Ystrad.

(i) Psychiatric Unit: East Glamorgan General Hospital, Church Village.

(j) Burns and Plastic Surgery Unit: St. Lawrence's Hospital, Chepstow.

6. AMBULANCE FACILITIES:

The Ambulance Service is administered by the Glamorgan County Council.

In this area the control station is at Hawthorn (Telephone No. Pontypridd 3973).

The Ambulance Station at Gilfach Goch is fully manned and is providing active cover for 24 hours per day.

Llantrisant is still provided with a sub-station on the old basis, whereby a driver can be called out at night when the need arises.

All ambulances in the County of Glamorgan are in radio contact with the Control Station.

7. MENTALLY SUB-NORMAL PERSONS:

There are 34 sub-normal and 35 severelt sub-normal persons in this district, compared with 46 sub-normal and 38 severely sub-normal persons in 1969.

8. REGISTERED BLIND PERSONS:

In 1969 there were 64 registered blind persons in this area and 27 partially sighted; in 1970 the numbers registered are now 76 blind persons and 32 partially sighted persons in the area.

9. HOUSING ACTS:

Number of Demolition Orders	4
Number of Closing Orders Persuant to Sect. 17 of the Housing Act.	3
Prosecutions in Default of Compliance with Notice (Sect.93 Public Health Act 1936)	Nil
Closing Orders and Demolition Orders revoked.	2

10. CONSTRUCTIONAL UNDERTAKINGS:

I wish to thank the Council's Surveyor for the following information:-

Council Houses completed in 1970	93
Total number of permanent post-war houses	3,393
Total number of temporary post-war houses	50
Total post-war houses	3,443
Total number of pre-war houses	854
Total number of Council houses	4,297
Council houses under construction in 1970	15
No. Private enterprise houses under construction	328
No. Police houses erected post-war	12
No. of Prefabs demolished	4

Dustbins have been issued to all properties within the Council's area, and are issued to new properties on completion. 700 requests to empty cesspits were attended to.

79 applications were received for Improvement Grants, of which 69 were approved.

The Council's permanent caravan park at Penycoedcae Road, Beddau, continues to provide a need in the area, all 53 standings continue to be occupied.

11. RODENT CONTROL:

The Council employs one full time rodent operator and during the year 795 properties were treated. Sewers were tested and treated in the manner recommended by the Ministry of Agriculture, Fisheries and Food. As in previous years, private houses were treated free of charge, but the cost of treating business premises was met by the occupiers. The Rodent Control in Factories scheme continues to operate satisfactorily for those factories participating in the scheme for an annual premium of £10.

12. SWIMMING POOLS:

Two indoor swimming pools are maintained in the area. One situated at Llantrisant and the other at Tonyrefail. The water is regularly sampled for bacteriological and chemical analysis.

13. MEALS ON WHEELS SERVICE:

This service is operated by voluntary workers and is now well established. On 21st September, 1970 an outing to "Warwick" was arranged in appreciation of the help given by the W.R.V.S. workers.

14. LABORATORY SERVICES:

All laboratory examinations necessary for the Public Health Service are carried out at the Cardiff and County Public Health Laboratories. These are:-

(a) Bacteriological and Chemical Examinations in relation to the control of infectious and contagious diseases.

(b) Bacteriological and/or Chemical examinations of

(i) Milk. (ii) Drinking Water. (iii) Ice-Cream

(c) Any other examinations which may be deemed necessary such as examinations of foodstuffs other than milk.

(d) Examinations connected with atmospheric pollution and radioactivity of rainwater and drinking water.

(e) Examination of sewage samples.

15. LICENCES:

The following licences were in force during 1970:

Premises registered for sale/manufacture of Ice Cream	121
Slaughtermen	5
Slaughterhouses	1
Manufacturers of Preserved Food	9
Firework Licences	21
Petroleum Acts and Regulations	58
Scrap Metal Dealers	8

16. ATMOSPHERIC POLLUTION:

The measurement of atmospheric pollution continued at Talbot Green, The Clinic, Church Village and 91, Ffordd Gerdinan, Tonteg, (until July). Results show the pollution remains at a generally low level and details of monthly readings together with the monthly mean temperature and rain fall is given over leaf.

Date	DANYGRAIG	LLANTRISANT	TALBOT	GREEN	CHURCH VILLAGE	91, FFORDD GERDINAN	DANY-GRAIG	TALBOT GREEN
1970	DAILY SMOKE FILTER u/gms.Cu.M.	Titration Average SO_2 mg. per day	Deposit Gauge Tons Per Sq.Mile	Lead Dioxide Instrument mg. SO_3.	Lead Dioxide Instrument mg. SO_3 per day	Deposit Tons Per Sq.Mile	Mean Monthly Temperature °F	Rainfall in Inches
JANUARY	29.41	35.19	0.44	0.64	0.88	0.69	40.14	8.04
FEBRUARY	16.04	29.32	0.31	0.57	0.44	0.44	40.0	3.35
MARCH	13.45	24.94	0.15	0.41	0.54	0.40	39.36	1.29
APRIL	18.36	41.64	0.20	0.44	0.39	0.32	41.96	2.06
MAY	12.79	30.32	0.08	0.66	0.52	0.10	57.06	0.29
JUNE	12.79	26.71	0.12	0.36	0.47	0.43	63.67	0.78
JULY	5.29	10.09	0.24	0.25	0.31	0.07	59.60	4.6
AUGUST	13.39	16.04	0.33	0.28	0.29	*	63.00	4.00
SEPTEMBER	12.41	18.85	0.41	0.39	0.29	*	59.54	4.15
OCTOBER	15.65	23.29	0.36	0.53	0.69	*	53.78	4.9
NOVEMBER	16.39	20.71	0.29	0.80	1.32	*	47.71	5.00
DECEMBER	30.89	28.61	0.23	0.80	0.83	*	42.75	3.30

* Apparatus Removed.

17. RECORD OF INSPECTIONS AND VISITS

1.	Housing Acts:	
	1st Visit	502
	2nd Visit	189
2.	Public Health Acts:	
	1st Visit	136
	2nd Visit	71
3.	Caravan Park	36
4.	Other Caravan Visits	7
5.	Dairies	5
6.	Factories	64
7.	Infectious Diseases	47
8.	Rodent Infestations	34
9.	Vermin Infestations	62
10.	Drainage	264
11.	Closet Conversion	-
12.	Meat Inspection	153
13.	Food Inspection	221
14.	Food Hygiene:	
	General	147
	Mobile Shops and Delivery Vehicles	48
15.	Clean Air Act	63
16.	Offices, Shops and Railway Premises Act	191
17.	Council-house Inspection	798
18.	Miscellaneous (inc. extraneous duties)	1053
19.	Samples:	
	Water	101
	Milk	17
	Ice-cream	16
	Trade effluent and others	22
20.	Refuse Disposal	118
21.	Petroleum Act	40
	Total =	~~4,383~~ 4,405

18. WATER SUPPLY:

The total consumption of water in 1970 was 763,613,000 gallons compared with 690,769,000 in 1969.

18. WATER SUPPLY (cont'd).

A total of 76 bacteriological examinations were taken from the two Swimming Pools and at other various points in the district from the piped supply with the following results:-

No. of samples taken - 76. No. of unsatisfactory results - 9.

The following is a report on a sample of water taken from the Taf Fechan Water Supply submitted for Chemical Analysis showing a clear, soft, faintly alkaline water of good organic quality.

Appearance	Clear
Colour	5
Reaction, p^{h} value	7.5
Total Hardness	47
Chlorides (expressed as CI)	9
Nitrates (expressed as N)	0.1
Nitrites (expressed as N)	0.002
Ammoniacal Nitrogen	0.006
Albuminoid Nitrogen	0.042
Oxygen absorbed in 4 hours at 27° from N/80 Permanganate	0.48
Metals, Iron Manganese	Nil
Copper, Lead Zinc	Nil
Residual Chlorine	0.02
Volume of Sediment	2
Microscopical Examination of Sediment	Small amount amorphous debris vegetable and mineral matter.

REMARKS:

A clear, soft, faintly alkaline water of good organic quality.

There are approximately 12,200 houses supplied with mains water within the area. All new mains on housing sites etc., are chlorinated for a period of twenty four hours before being put into service and fire hydrants are flushed periodically on mains subject to very low flow. The work of laying a 24" diameter trunk main into Llantrisant and a 12" diameter extension from Llantrisant to Llanillid service reservoir is now well under way.

19. EXAMINATION OF MILK SAMPLES:

The following samples of milk were submitted to the Public Health Laboratory at Cardiff for bacteriological examination:-

	Satisfactory	Unsatisfactory	Total
Untreated	10	3	13

20. MANUFACTURE, STORAGE AND SALE OF ICE CREAM:

There were 6 new applications for the registration of premises for the sale of prepacked ice cream during the year. There are now 121 premises registered for the sale of ice cream in this area.

13 samples of ice cream were taken during the year, most of which were produced by the nationally known ice cream manufacturers.

In general, samples in Grades I and II can be regarded as satisfactory. The following table shows the results of analysis, and refers to the keeping quality of the ice cream.

Grade I Satisfactory	Grade II Fair	Grade III Unsatisfactory	Grade IV Very Unsatisfactory
11	2	-	-

21. RAINFALL:

During 1970 the rainfall record at the Duffryn Sewage Works, Tonyrefail, amounted to 69.04 inches compared with 51. 58 inches in 1969. At Talbot Green, rainfall on the Magistrate's Court Roof was recorded as 41.76 inches compared with 35.30 inches in 1969.

22. HOUSING REPAIRS:

During the year 18 houses were repaired as a result of informal action. There were no applications for Certificates of Disrepair during 1970.

23. CLOSET CONVERSIONS:

There were no conversions completed by installing flushing apparatus in closets during the year. The total number of water closet conversions for which grants have been paid by the Council since 1953, was 267 when the scheme commenced.

24. FOOD INSPECTION:

A total of 94 samples of foodstuffs were taken by the County Public Health Inspectors in the Llantrisant and Llantwit Fardre Rural District during the year under review, under the Food and Drugs Act 1955.

The following list of foodstuffs inspected and voluntarily surrendered was found to be unfit for human consumption and was disposed of by burying at one of the Council's refuse tips:-

Tinned Meat	245 Cans
Tinned Tomatoes	301 "
Tinned Fruit	349 "
Tinned Vegetables	30 "
Tinned Soup	99 "
Tinned Fish	19 "
Tinned Milk, Cream, Pudding etc	64 "
Butter, Margarine, Lard	5 lbs.
Frozen Food	3,811 Items
Frozen Chicken Carcases	209 lbs.
Potatoes	30 cwts.
Fruit	185 lbs.
Fish	5 "
Vegetables	282 "
Meat	291 "
Bacon	41 "
Various Packets Rice, Cake Mix etc	70 Pkts.
Flour	50 lbs.
Baked Beans etc	76 Cans
Cooked Meats	139 lbs.
Mineral Water and Milk	97 Bottle
Turkeys	2 only
Pasties and faggotts	65 "

25. MEAT INSPECTION:

	Carcases and Offal inspected and condemned in whole or part				
	Cattle (except Cows)	Cows	Calves	Sheep & Lambs	Pigs
Number killed (if known)	2	1	14	903	1,500
Number inspected	2	1	14	903	1,500
All diseases except Tuberculosis & Cysticercosis					
Whole carcases condemned	-	-	-	4	4
Carcases of which some part or organ was condemned	-	-	-	-	-
Other	1	1	-	276	382
Percentage of the number inspected affected with disease other than tuberculosis and cysticercosis	50%	100%	-	33.2%	25.7%
Tuberculosis only.					
Carcases of which some part or organ was condemned	-	-	-	-	16
Percentage of the number inspected affected with Tuberculosis.	-	-	-	-	1.1%
Cysticercosis only.					
Carcases of which some part or organ was condemned	-	-	-	-	-

25. CONDEMNATIONS:

Bovine:

Lungs.....	Nil
Livers.....	7 lbs.

Pig:

Carcases.....	980 lbs.
Lungs.....	216 "
Livers.....	179 "
Heads.....	243 "
Hearts.....	58 "

Sheep:

Carcases.....	85 lbs.
Lungs.....	271½ "
Livers.....	414 "
Hearts.....	2 "

26. SEWAGE DISPOSAL AND SEWERAGE:

The following are results of examination of samples of sewage effluent taken by the Glamorgan River Board during the year. The Surveyor as Chief Officer in charge of the sewage works, is notified of unsatisfactory samples and takes the appropriate action.

Number of Samples.	Satisfactory.	Unsatisfactory.
Nine	Eight	One

Results of routine sampling of sewage, effluents and trade effluents by Public Health Inspectors are given below:-

Type	Number of Samples	Report
Trade Effluents	15	2 (Unsatisfactory)
Others	7	1 "

27. FACTORIES ACT 1961.

Part I.

1. Inspections for purpose of provisions as to health (including inspections made by Public Health Inspectors).

	Number on Register (2)	Number of Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sec. 1,2,3, 4 and 6 are to be enforced by L. A.	12	-	-	-
(ii) Factories not included in (i) by which Sec. 7 is enforced by Local Authorities	122	59	-	-
(iii) Other premises in which Sec. 7 is enforced by Local Authority (excluding out-workers premises)	6	5	-	-
TOTAL:	140	64	-	-

2. Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more 'cases').

Particulars	No. of cases in which defects found: Found remedied	To H.M. Inspector	Referred by H.M. Inspector	No. of cases in which prosecutions were instituted
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	-	-	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
TOTAL	-	-	-	-	-

PART VIII Factories Act 1961

	Section 133		Section 134			
	No.of outworkers in August list required by Sec. 133 (1) (c) (2)	No. of cases of default in sending lists to Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices Served (6)	Prosecutions (7)
Wearing) Making apparel) etc) Cleaning	29					
Household linen						
Lace, lace curtains and nets						
Curtains and furniture hangings						
and other various						
TOTAL:	29	-	-	-	-	-

28. OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Action under this Act was continued during the year, the Public Health Inspectors being the Officers appointed to enforce the provisions of the Act.

The results as reported to H.M. Factory Inspectorate are summarised in the table overleaf.

There were two non-fatal accidents reported during 1970 and no evidence of culpable negligence on the part of the occupiers of registered premises was found and no prosecutions were undertaken.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Annual Report under Section 60 to the Minister of Labour for year ended 31st December, 1970

TABLE A

REGISTRATION & GENERAL INSPECTIONS

Class of Premises	No. premises newly registered during year (2)	Total No. registered premises at end of year (3)	No. reg. premises receiving one or more general inspections during year (4)
Offices	-	35	38
Retail Shops	3	101	121
Wholesale Shops, Warehouses	-	2	19
Catering Establishments open to the public, Canteens	2	20	22
Fuel Storage Depots	1	1	2
Totals	6	159	202

TABLE B

No. of Visits of all kinds (including General Inspections) to Registered Premises	252

TABLE C

ANALYSIS BY WORKPLACE OF PERSONS EMPLOYED IN REGISTERED PREMISES AT END OF YEAR

Class of Workplace (1)	No. persons employed (2)
Offices	153
Retail Shops	338
Wholesale Depts., Warehouses	78
Catering Establishments open to Public	73
Canteens	10
Fuel Storage Depots	4
Totals	656

Total Males	336
Total Females	320